

Notice of Determination, CEQA Findings, and Mitigation Monitoring and Reporting Program



Bethany Dams Improvements Project

Mitigated Negative Declaration

SCH # 2014-04-2030



California Department of Water Resources

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Table 1. Summary of all mitigation measures, responsible parties, and timing of monitoring compliance for the DWR Bethany Dams Improvements Project. 4

Notice of Determination

Appendix D

To:

[X] Office of Planning and Research
U.S. Mail: P.O. Box 3044 Sacramento, CA 95812-3044
Street Address: 1400 Tenth St., Rm 113 Sacramento, CA 95814

[] County Clerk
County of:
Address:

From:

Public Agency: CA Dept of Water Resources
Address: 1416 Ninth Street Sacramento, CA 95814
Contact: Gerald Snow
Phone: 916-653-7213

Lead Agency (if different from above):
Address:
Contact:
Phone:

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): 2014042030

Project Title: Bethany Dams Improvements Project

Project Applicant: California Department of Water Resources

Project Location (include county): Bethany Reservoir, Alameda County, 10 miles northwest of Tracy

Project Description:

DWR plans to perform maintenance activities at Bethany Reservoir's earthen dams to ensure the continued safe operation of the Bethany Reservoir, part of the State Water Project (SWP). After adopting a Supplemental Mitigated Negative Declaration in September 2018, changes were made to the project, including: 1) new construction methods to install weir boxes and repair earthen dams by excavating and backfilling downstream faces of the dams, and 2) temporary closure of two existing parking lots at Bethany Reservoir State Recreation Area for use as equipment area.

This is to advise that the California Department of Water Resources has approved the above (X Lead Agency or [] Responsible Agency)

described project on December 9, 2019 and has made the following determinations regarding the above described project.

- 1. The project [] will [X] will not have a significant effect on the environment.
2. [] An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA. [X] A Negative Declaration was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [X] were [] were not made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [X] was [] was not adopted for this project.
5. A statement of Overriding Considerations [] was [X] was not adopted for this project.
6. Findings [X] were [] were not made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at: https://water.ca.gov/News/Public-Notices

Signature (Public Agency): Jerry Snow Title: Environmental Program Manager II

Date: December 9, 2019 Date Received for filing at OPR:

Governor's Office of Planning & Research

DEC 10 2019

STATE CLEARINGHOUSE Revised 2011



State of California - Department of Fish and Wildlife
2019 ENVIRONMENTAL FILING FEE CASH RECEIPT
 DFW 753.5a (REV. 12/01/18) Previously DFG 753.5a

#417634054

Print StartOver Finalize&Email

RECEIPT NUMBER:
 59 — 12/10/2019 — 151
 STATE CLEARINGHOUSE NUMBER (If applicable)
 2014042030

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

LEAD AGENCY Water Resources, Department of (California Department of Water Resources)	LEAD AGENCY EMAIL	DATE 12/10/2019
COUNTY/STATE AGENCY OF FILING OPR/SCH	DOCUMENT NUMBER	

PROJECT TITLE

Bethany Dams Improvement Project

PROJECT APPLICANT NAME Gerald Snow	PROJECT APPLICANT EMAIL	PHONE NUMBER (916) 653-7213
PROJECT APPLICANT ADDRESS 1416 Ninth Street	CITY Sacramento	STATE CA
		ZIP CODE 95814

PROJECT APPLICANT (Check appropriate box)

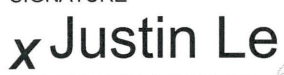
- Local Public Agency
 School District
 Other Special District
 State Agency
 Private Entity

CHECK APPLICABLE FEES:

- | | | | |
|---|------------|----|----------|
| <input type="checkbox"/> Environmental Impact Report (EIR) | \$3,271.00 | \$ | 0.00 |
| <input checked="" type="checkbox"/> Mitigated/Negative Declaration (MND)(ND) | \$2,354.75 | \$ | 2,354.75 |
| <input type="checkbox"/> Certified Regulatory Program (CRP) document - payment due directly to CDFW | \$1,112.00 | \$ | 0.00 |
|
 | | | |
| <input type="checkbox"/> Exempt from fee | | | |
| <input type="checkbox"/> Notice of Exemption (attach) | | | |
| <input type="checkbox"/> CDFW No Effect Determination (attach) | | | |
| <input type="checkbox"/> Fee previously paid (attach previously issued cash receipt copy) | | | |
| <hr/> | | | |
| <input type="checkbox"/> Water Right Application or Petition Fee (State Water Resources Control Board only) | \$850.00 | \$ | 0.00 |
| <input type="checkbox"/> County documentary handling fee | | \$ | |
| <input type="checkbox"/> Other | | \$ | |

PAYMENT METHOD:

- Cash
 Credit
 Check
 Other
 TOTAL RECEIVED \$ 2,354.75

SIGNATURE  Digitally signed by Justin Le Date: 2019.12.10 10:41:47 -08'00'	AGENCY OF FILING PRINTED NAME AND TITLE J.Le, State Clearinghouse
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State of California - Department of Fish and Wildlife
2019 ENVIRONMENTAL FILING FEE CASH RECEIPT
 DFW 753.5a (REV. 12/01/18) Previously DFG 753.5a

NOTICE

Each project applicant shall remit to the county clerk the environmental filing fee before or at the time of filing a Notice of Determination (Pub. Resources Code, § 21152; Fish & G. Code, § 711.4, subdivision (d); Cal. Code Regs., tit. 14, § 753.5). Without the appropriate fee, statutory or categorical exemption, or a valid No Effect Determination issued by the California Department of Fish and Wildlife (CDFW), the Notice of Determination is not operative, vested, or final, and shall not be accepted by the county clerk.

COUNTY DOCUMENTARY HANDLING FEE

The county clerk may charge a documentary handling fee of fifty dollars (\$50) per filing in addition to the environmental filing fee (Fish & G. Code, § 711.4, subd. (e); Cal. Code Regs., tit. 14, § 753.5, subd. (g)(1)). A county board of supervisors shall have the authority to increase or decrease the fee or charge, that is otherwise authorized to be levied by another provision of law, in the amount reasonably necessary to recover the cost of providing any product or service or the cost of enforcing any regulation for which the fee or charge is levied (Gov. Code, § 54985, subd. (a)).

COLLECTION PROCEDURES FOR COUNTY GOVERNMENTS

Filing Notice of Determination (NOD):

- Collect environmental filing fee or copy of previously issued cash receipt. *(Do not collect fee if project applicant presents a No Effect Determination signed by CDFW. An additional fee is required for each separate environmental document. An addendum is not considered a separate environmental document. Checks should be made payable to the county.)*
- Issue cash receipt to project applicant.
- Attach copy of cash receipt and, if applicable, previously issued cash receipt, to NOD.
- Mail filing fees for CRP document to CDFW prior to filing the NOD or equivalent final approval (Cal. Code Regs. Tit. 14, § 753.5 (b)(5)). The CRP should request receipt from CDFW to show proof of payment for filing the NOD or equivalent approval. Please mail payment to address below made attention to the Cash Receipts Unit of the Accounting Services Branch.

If the project applicant presents a **No Effect Determination** signed by CDFW, also:

- Attach No Effect Determination to NOD *(no environmental filing fee is due)*.

Filing Notice of Exemption (NOE) (Statutorily or categorically exempt project (Cal. Code Regs., tit. 14, §§ 15260-15285, 15300-15333))

- Issue cash receipt to project applicant.
- Attach copy of cash receipt to NOE *(no environmental filing fee is due)*.

Within 30 days after the end of each month in which the environmental filing fees are collected, each county shall summarize and record the amount collected on the monthly State of California Form No. CA25 (TC31) and remit the amount collected to the State Treasurer. Identify the remittance on Form No. CA25 as "Environmental Document Filing Fees" per Fish and Game Code section 711.4.

The county clerk shall mail the following documents to CDFW on a monthly basis:

- ✓ A photocopy of the monthly State of California Form No. CA25 (TC31)
- ✓ CDFW/ASB copies of all cash receipts (including all voided receipts)
- ✓ A copy of all CDFW No Effect Determinations filed in lieu of fee payment
- ✓ A copy of all NODs filed with the county during the preceding month
- ✓ A list of the name, address and telephone number of all project applicants for which an NOD has been filed. If this information is contained on the cash receipt filed with CDFW under California Code of Regulations, title 14, section 753.5, subdivision (e)(6), no additional information is required.

DOCUMENT RETENTION

The county shall retain two copies of the cash receipt (for lead agency and county clerk) and a copy of all documents described above for at least 12 months.

RECEIPT NUMBER

- # The first two digits automatically populate by making the appropriate selection in the County/State Agency of Filing drop down menu.
- # The next eight digits automatically populate when a date is entered.
- # The last three digits correspond with the sequential order of issuance for each calendar year. For example, the first receipt number issued on January 1 should end in 001. If a county issued 252 receipts for the year ending on December 31, the last receipt number should end in 252. CDFW recommends that counties and state agencies 1) save a local copy of this form, and 2) track receipt numbers on a spreadsheet tabbed by month to ensure accuracy.

DO NOT COMBINE THE ENVIRONMENTAL FEES WITH THE STATE SHARE OF FISH AND WILDLIFE FEES.

Mail to:

California Department of Fish and Wildlife
 Accounting Services Branch
 P.O. Box 944209
 Sacramento, California 94244-2090

Adoption of the Supplemental Mitigated Negative Declaration

Pursuant to the California Environmental Quality Act (CEQA), the California Department of Water Resources (DWR) finds the Supplemental Mitigated Negative Declaration (MND) for the Bethany Dams Improvements Project (Project) has been completed in compliance with the California Environmental Quality Act (CEQA), that the Supplemental MND and all comments were reviewed and considered, and adopts the Supplemental MND. The Supplemental MND was filed at the State Clearinghouse (SCH) on April 9, 2014 (SCH # 2014-04-2030) and no comments requiring response were received during the 30-day review period.

Findings

The following Findings are hereby adopted by DWR:

Potentially Significant Impacts that would be mitigated to Less-than-significant levels:

- **Air Quality**
Construction of the Project has the potential to violate air quality standards by temporarily generating emissions such as ROG, NOx, PM10, and PM2.5. Implementation of Mitigation Measure AQ-1 will reduce impacts from construction equipment emissions to less-than-significant.

- **Public Services**
Construction of the Project has the potential to impact recreation at the Bethany Reservoir State Recreation Area during construction by temporarily reducing access to recreation facilities. Implementation of Mitigation Measure REC-1 will reduce impacts to less-than-significant.

- **Recreation**
Construction of the Project has the potential to impact recreation at the Bethany Reservoir State Recreation Area during construction by temporarily reducing access to recreation facilities. Implementation of Mitigation Measure REC-1 will reduce impacts to less-than-significant.

The Project will have less-than-significant or no impacts to the following: Aesthetics, Agricultural Resources, Energy, Geology/Soils, Hazards and Hazardous Materials, Hydrology/Water Quality, Land Use/Planning, Mineral Resources, Noise, Population/Housing, Transportation, Utilities/Service Systems, or Wildfire beyond what was already identified in the 2014 MND and 2018 Supplemental MND.

Mitigation Monitoring and Reporting Program

Table 1 includes all Project Mitigation Measures that will reduce Project impacts to less-than-significant, the party responsible for monitoring, implementation timeframes, and reporting.

Table 1. Summary of all mitigation measures, responsible parties, and timing of monitoring compliance for the DWR Bethany Dams Improvements Project.

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
3.1 AESTHETICS			
None.			
3.2 AGRICULTURE AND FORESTRY RESOURCES			
None.			
3.3 AIR QUALITY			
<p>Mitigation Measure AQ-1: Reduce construction-related emissions from off-road equipment and heavy-duty vehicles</p> <ul style="list-style-type: none"> ▶ Tier 4F diesel engine standards will be used during construction ▶ All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day during construction, or as frequently as needed to minimize fugitive dust. ▶ All materials in haul trucks, including transporting soil, sand, or other loose material being hauled on- or off-site shall be covered. ▶ All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited. ▶ All vehicle speeds on unpaved roads shall be limited to 15 mph. ▶ All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. ▶ Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.</p> <ul style="list-style-type: none"> ▶ All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. ▶ Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations. 			
3.4 BIOLOGICAL RESOURCES			
<p>Mitigation Measure Bio-1: General wildlife and plant protection measures</p> <ul style="list-style-type: none"> ▶ Before any construction activities begin, a US Fish and Wildlife Service-approved biologist shall conduct a training session for all construction personnel. At a minimum, the training shall include a description and discussion of the mitigation measures within this document and a brief description of each species listed in these measures including a discussion of identification, habitat and legal protections. 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<ul style="list-style-type: none"> ▶ A Service-approved biologist will be present during all ground disturbing activities and activities in wetted areas. ▶ Project activities shall be performed during daylight hours. Work in wetted areas with standing water will take place between September 1st and October 31st. ▶ Absorbent materials will be available on site. Any accidental leaks or spills will be immediately cleaned up, and the equipment will not be able to return to the project area until it has been repaired sufficiently to prevent further leaks or spills. ▶ All trash shall be properly contained, removed from the work site, and disposed of properly to prevent attracting predators. ▶ Any observations of federally or state-listed species will be reported to the Service and the CDFW within three (3) working days of the observation. ▶ With the exception of California red-legged frogs and California tiger salamanders, all federally and state-listed species observed will be allowed to leave the project area on their own. The on-site Service-approved biologist will have the authority to determine whether activities must cease in order to ensure their protection. 			

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>Mitigation Measure Bio-2: Avoid and minimize impacts to special status plants</p> <ul style="list-style-type: none"> ▶ Botanical surveys will be conducted by a botanist in the appropriate seasons for special status species that are potentially present within the project footprint. If any special status plants are detected, they will be flagged and avoided as appropriate, or in the case of annual plants, efforts will be made to maintain the affected population. If federal or state listed plants cannot be avoided, the appropriate regulatory agencies will be consulted regarding preservation methods. 	DWR	Prior to the start of and during construction as appropriate.	
<p>Mitigation Measure Bio-3: Avoid and minimize impacts to California tiger salamander</p> <ul style="list-style-type: none"> ▶ Work is to take place during daylight hours during the dry season and not during rain events. ▶ Any burrows or large cracks in the ground that may be temporarily traversed by heavy equipment traffic will be covered with plywood to prevent collapse of the burrows. ▶ Impacts to areas determined to be habitat for CTS will be fully mitigated, in consultation with USFWS and CDFW, through a mitigation bank. 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>Mitigation Measure Bio-4: Avoid and minimize impacts to California red-legged frog</p> <ul style="list-style-type: none"> ▶ DWR will submit to the Service (at least 15 days prior to onset of activities) the names and credentials of the biologists who will conduct the activities specified in the following measures. No activities will begin until DWR has received written approval from the Service that the biologist(s) is qualified to conduct the work. Only Service-approved biologists shall participate in activities associated with capture, handling, and monitoring of California red-legged frogs. ▶ A Service-approved biologist(s) will survey the disturbance areas each morning immediately prior to maintenance activities and will remove California red-legged frogs, both before and during the seepage monitoring weir replacement, palm tree removal, or drainage ditch vegetation removal. Removed vegetation and sediment will be carefully placed in the dump truck bed and examined for frogs prior to being disposed of at the spoils site. ▶ All California red-legged frogs will be placed in a cool, clean container with fresh, clean, cool water. Adult and sub-adult frogs will be kept in separate containers. ▶ To the extent practicable, any bullfrogs found at the project site will be dispatched and removed from the site. 	DWR	Prior to the start of, during, and after construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<ul style="list-style-type: none"> ▶ The Lindsay Wildlife Museum in Walnut Creek, California, will be notified and sent any injured California red-legged frogs for rehabilitation. ▶ After maintenance activities have ceased, any California red-legged frogs held in captivity will be released back into the work site within wetland habitat that is unaffected by the maintenance activities. If there is insufficient wetland habitat at the drainage of origin, frogs will be released at the nearest available area with suitable habitat. Care will be taken to minimize the frog's exposure to hydrogen sulfide. A minimum of one hour will pass after all maintenance activities within the pond or drainage have ceased before replacing the frogs. ▶ A report containing details of the construction activities and any observations of federally and state-listed species will be submitted to the Service and CDFW within 30 days of project completion. The report will document the number of California red-legged frogs at each life stage that were known to be taken and the form of take (e.g., harassment by moving, mortality). ▶ Impacts to areas determined to be habitat for California red-legged frogs will be fully mitigated, in consultation with USFWS and CDFW, pursuant to permit requirements. 			

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>Mitigation Measure Bio-5: Swainson's Hawk, raptor, and other migratory bird protection measures</p> <ul style="list-style-type: none"> ▶ A qualified biologist will conduct preconstruction surveys and identify active migratory bird nests within 250 feet, White-tailed Kite nests within 500 feet, and Swainson's Hawk nests within 0.25 miles of the project footprint. Preconstruction surveys shall be conducted during the nesting season (March 15 to August 15) no less than 14 days and no more than 30 days before any construction activity begins. If no nests are found, no further mitigation is required. Any construction activity that occurs between August 16 and March 14, outside the nesting season, shall not require preconstruction surveys. ▶ If nests are located, impacts shall be minimized by establishing an appropriate non-disturbance buffer zone around active nests in coordination with CDFW guidelines. Buffer zones shall be determined in consultation with CDFW and will depend on the species involved, site conditions, and type of work proposed. No new project activity shall occur within the buffer zone until the young have fledged, until the nest is no longer active, or until a qualified biologist has determined in consultation with CDFW that reducing the buffer would not result in nest abandonment. Monitoring of the nest by a qualified biologist during construction shall be required to ensure that nests are not jeopardized. 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<ul style="list-style-type: none"> ▶ Preconstruction surveys will be conducted for Burrowing Owls within 500 feet of the project area 30 days prior to construction. If an active burrow is found during the breeding season (February 1 through August 31), clear, visible markers will be placed on the roadways to clearly demarcate the burrow location so vehicles traveling either direction on the road and workers at the project site will avoid disturbing the area. Where feasible, buffer zones will be implemented to minimize disturbance impacts while construction activities are occurring, following recommendations in the CDFW Staff Report on Burrowing Owl mitigation. ▶ If Burrowing Owls are present within 500 feet of the project area, active burrows will be monitored by a qualified biologist throughout the construction phase to determine the effectiveness of buffers, visual screens, or other measures, and to determine if the vehicle traffic is jeopardizing an active nest. DWR shall consult with CDFW for assistance in developing site-specific solutions, as needed, and to determine if the owls are sensitized to human disturbance and the survey effort can be reduced. 			
<p>Mitigation Measure Bio-6: Avoid and minimize impacts to San Joaquin kit fox</p> <ul style="list-style-type: none"> ▶ A qualified biologist shall conduct a pre-construction survey no more than two weeks prior to work commencing to determine if 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>there are any potential San Joaquin kit fox dens are located within 200 feet of the disturbance areas.</p> <ul style="list-style-type: none"> ▶ Potential kit fox dens within 100 feet of a disturbance area will be tracked for three consecutive nights to determine if they are currently used by kit fox. ▶ Any potential kit fox dens located within 50 feet of a disturbance area will be temporarily blocked with burlap bags filled with soil (after three consecutive nights of tracking have been completed without evidence of San Joaquin kit fox use) to prevent them from using these dens during Project activities. ▶ A 100-foot exclusion zone will be marked around any known San Joaquin kit fox den within the survey area using lathe and flagging. 			
<p>Mitigation Measure Bio-7: Minimize impacts to jurisdictional waters of the United States and waters of the State</p> <ul style="list-style-type: none"> ▶ A temporary sediment barrier (silt fence) will be installed prior to work in wetted areas to prevent sediment from entering water bodies. ▶ All staging areas, parking areas, equipment, and storage areas for fuel, lubricants, and solvents will be located in areas away from waters of the United States and waters of the state. 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
3.5 CULTURAL RESOURCES			
<p>Mitigation Measure Cul-1: Halt Ground-Disturbing Construction Activities if Cultural Materials Are Discovered</p> <p>► If a discovery of cultural materials (e.g., unusual amounts of shell, animal bone, flaked stone, bottle glass, ceramics, structure/building remains, etc.) is encountered during project construction, ground disturbances in the immediate vicinity of the find shall be halted immediately and a qualified professional archaeologist shall be notified regarding the discovery. The archaeologist shall determine whether the resource is potentially significant as per the CRHR and identify appropriate management steps needed to protect and secure identified resources.</p>	DWR	During construction as appropriate.	
<p>Mitigation Measure Cul-2: Halt Construction Activities if Any Human Remains Are Discovered</p> <p>► In accordance with the California Health and Safety Code, if human remains are uncovered during ground disturbing activities, such activities that may affect the remains shall be halted and DWR or its designated representative shall be notified. DWR shall immediately notify the county coroner and a qualified professional archaeologist. If the coroner determines that the remains are those of a Native American, the coroner</p>	DWR	During construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>must contact the NAHC by phone within 24 hours of making that determination (Health and Safety Code, Section 7050[c]).</p> <ul style="list-style-type: none"> ▶ DWR's responsibilities for acting upon notification of a discovery of Native American human remains are identified in detail in Section 5097.9 of the California Public Resources Code. DWR or its appointed representative and the professional archaeologist shall consult with a Most Likely Descendant (MLD) determined by the NAHC regarding the removal or preservation and avoidance of the remains and shall determine whether additional burials could be present in the vicinity. 			
3.6 GEOLOGY AND SOILS			
None.			
3.7 GREENHOUSE GASES			
<p>Greenhouse Gas Emissions Best Management Practices</p> <ul style="list-style-type: none"> ▶ BMP 1. Evaluate project characteristics, including location, project work flow, site conditions, and equipment performance requirements, to determine whether specifications of the use of equipment with repowered engines, electric drive trains, or other high efficiency technologies are appropriate and feasible for the project or specific elements of the project. ▶ BMP 2. Evaluate the feasibility and efficacy of performing on-site material hauling with trucks equipped with on-road engines. ▶ BMP 5. Evaluate the performance requirements for concrete used on the project and specify that batch plants be set up on-site or as close to the site as possible. 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<ul style="list-style-type: none"> ▶ BMP 6. Limit deliveries of materials and equipment to the site to off peak traffic congestion hours. ▶ BMP 7. Minimize idling time by requiring that equipment be shut down after five minutes when not in use (as required by the State airborne toxics control measure [Title 13, Section 2485 of the California Code of Regulations]). Provide clear signage that posts this requirement for workers at the entrances to the site and provide a plan for the enforcement of this requirement. ▶ BMP 8. Maintain all construction equipment in proper working condition and perform all preventative maintenance. Required maintenance includes compliance with all manufacturer's recommendations, proper upkeep and replacement of filters and mufflers, and maintenance of all engine and emissions systems in proper operating condition. Maintenance schedules shall be detailed in the Air Quality Control Plan prior to commencement of construction. ▶ BMP 9. Implement tire inflation program on jobsite to ensure that equipment tires are correctly inflated. Check tire inflation when equipment arrives on-site and every two weeks for equipment that remains on-site. Check vehicles used for hauling materials off-site weekly for correct tire inflation. Procedures for the tire inflation program shall be documented in an Air Quality Management Plan prior to commencement of construction. ▶ BMP 10. Develop a project specific ride share program to encourage carpools, shuttle vans, transit passes and/or secure bicycle parking for construction worker commutes. ▶ BMP 14. Develop a project specific construction debris recycling and diversion program to achieve a documented 50% diversion of construction waste. 			

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<ul style="list-style-type: none"> ▶ BMP 15. Evaluate the feasibility of restricting all material hauling on public roadways to off-peak traffic congestion hours. During construction scheduling and execution minimize, to the extent possible, uses of public roadways that would increase traffic congestion. 			
3.8 HAZARDS AND HAZARDOUS MATERIALS			
None.			
3.9 HYDROLOGY AND WATER QUALITY			
None.			
3.10 LAND USE AND PLANNING			
None.			
3.11 MINERALS			
None.			
3.12 NOISE			
None.			
3.13 POPULATION AND HOUSING			
None.			
3.14 PUBLIC SERVICES			
None.			
3.15 RECREATION			
<p>Mitigation Measure Rec-1: Temporary Reduced Public Access and Signage</p> <ul style="list-style-type: none"> ▶ The boat launch and restroom facility at Parking Lot 1 and fishing access along the southeastern shore of the Bethany Forebay will remain open to the public with access from Christensen Road. ADA-compliant parking spaces will be located adjacent to the restroom facility and immediately west 	DWR	Prior to the start of and during construction as appropriate.	

Mitigation Measure or Best Management Practice	Responsible Party	Time Frame for Implementation	Completed
<p>of the boat launch. Standard parking spaces for vehicles and boat trailers will be relocated to the gravel road west and northwest of the boat launch. A flagger will be present during construction to ensure safe flow of recreation and construction traffic.</p> <ul style="list-style-type: none"> ▶ Signage will be posted at least 60 days prior to commencement of construction to inform the public of the scheduled closures and alternative access at Bethany SRA. Signage will be maintained throughout the closure period. 			
3.16 TRANSPORTATION/TRAFFIC			
None.			
3.17 UTILITIES AND SERVICE SYSTEMS			
None.			
3.18 WILDFIRE			
None.			